|          | Index of Claims  |  |                |    |          |          |                          |          |      |          |           |              |          |           | фр                     | pplication/Control No. |             |          |          |          |     |             |            |                 |                | Applicant(s)/Patent under Reexamination |          |          |           |          |          |          |   |  |  |
|----------|--|--|----------------|----|----------|----------|--------------------------|----------|------|----------|-----------|--------------|----------|-----------|------------------------|------------------------|-------------|----------|----------|----------|-----|-------------|------------|-----------------|----------------|---|----------|----------|-----------|----------|----------|----------|---|--|--|
| lli      | i ittidi fibli Bribi amii azira ibiai afiin asira siri 402)  |  |                |    |          |          |                          |          |      |          |           |              |          |           | 10/500 500             |                        |             |          |          |          |     |             |            |                 |                |   |          |          |           |          |          |          |   |  |  |
|          |  |  |                |    |          |          |                          |          |      |          |           |              |          |           | 10/509,506<br>Examiner |                        |             |          |          |          |     |             |            |                 | OKAMOTO ET AL. |   |          |          |           |          |          |          |   |  |  |
|          | TOTAL CONTINUE CONTI |  |                |    |          |          |                          |          |      |          |           |              |          |           | Ernest G. Therkorn     |                        |             |          |          |          |     |             |            | 1723            |                |   |          |          |           |          |          |          |   |  |  |
|          |  |  |                |    |          |          |                          |          |      |          |           |              |          |           |                        |                        |             |          |          |          |     | <del></del> |            |                 |                | 1725                                    |          |          |           |          |          |          |   |  |  |
|          | √ Rejected   |  |                |    |          |          | (Through numer Cancelled |          |      |          |           | al)          |          | N         |                        |                        | Non-Elected |          |          | ted      |     | A           |            | Appeal          |                |   |          |          |           |          |          |          |   |  |  |
|          | =  |  |                |    |          | +        | + Restricted             |          |      |          |           |              |          | I Interfe |                        |                        |             | rfe      | rei      | ence     |     |             | Objected   |                 |                |   |          |          |           |          |          |          |   |  |  |
| Claim    | Claim R Q Date   |  |                |    |          |          |                          |          |      | Ctaim    |           |              |          |           | _                      | 1216                   | ate         |          |          |          | 1   | ٦           | aim        | _               | _              | Date                                    |          |          |           |          | _        | 1        |   |  |  |
|          | $\neg \sim$  | 19.  | Z              | T  | П        |          |                          | ٦        |      |          |           | <b>†</b>     | Γ        | П         | $\Box$                 |                        |             |          |          |          |     |             |            | $\vdash$        |                |   | ٦        |          | _         | П        |          | П        |   |  |  |
| Final    | 195/2  | (の)  | 100            |    |          |          |                          |          |      | Final    | Original  |              |          |           |                        | ĺ                      |             |          |          |          |     | Final       | Orfginat   |                 |                |   |          |          |           |          |          |          |   |  |  |
| 1        | $\pm$  | M  |                |    |          |          |                          | ╛        |      |          | 51        |              |          |           |                        |                        | Ⅎ           |          | $\dashv$ | Н        |     |             | 101        | -               | Н              | $\dashv$                                | -        | $\vdash$ | _         | Н        |          | -        |   |  |  |
| - 2      |  | M  | $\blacksquare$ | _  | Н        |          | $\dashv$                 | 4        |      |          | 52        |              |          | Г         |                        |                        |             |          |          |          |     |             | 102        |                 |                |   |          |          |           |          |          |          |   |  |  |
|          |  | й  | ₹              | ╁  | Н        | Н        | -                        | ㅓ        |      |          | 53<br>54  | ┝            | ┝        | -         | Н                      | ᅱ                      | $\dashv$    | -        | _        | _        | ŀ   | <u> </u>    | 103<br>104 | H               |                | $\square$                               | _        | $\vdash$ | _         | Н        | Щ        | Н        |   |  |  |
| 5        |  |  | П              |    | $\Box$   |          | $\sqsupset$              |          |      |          | 55        |              |          |           |                        |                        |             |          |          |          |     |             | 105        |                 |                |   |          | $\vdash$ |           | Н        |          | Н        |   |  |  |
|          |  | ╫  | + -            | ╁  | H        | Н        | $\dashv$                 | ┥        |      |          | 56<br>57  | ┝            | ⊢        | ⊢         | H                      |                        | -           | _        | _        |          |     |             | 105        | П               |                |   |          |          |           | П        |          |          |   |  |  |
| - 8      | - F  | N  | M              | 土  |          |          |                          | ╛        |      |          | 58        | T            | Ė        |           | Н                      | Н                      | ᅥ           | -        | _        |          |     |             | 107<br>108 | -               |                | $\dashv$                                |          | ᅥ        |           | Н        | _        | Н        |   |  |  |
| 10       |  |  | 4              |    | -        |          | $\Box$                   | $\Box$   | ٠. ا |          | 59        |              |          |           |                        |                        |             |          |          |          |     |             | 109        |                 |                |   |          |          |           |          |          |          |   |  |  |
| 1        |  | $\vdash$   | ╫╴             | ╁  | ╂┤       | Н        | $\dashv$                 | ᅱ        |      | <u> </u> | 60<br>61  | ├            | ┝        | -         | H                      | Н                      | $\dashv$    | -        | _        | -        |     |             | 110<br>111 | H               |                | $\dashv$                                | _        | $\dashv$ |           |          |          | Ц        |   |  |  |
| 1;       | 2  |  |                | 工  |          |          |                          |          | i    |          | 62        |              | $\vdash$ |           |                        |                        |             | _        | _        | -        |     |             | 112        | H               | $\vdash$       | $\dashv$                                | -        | $\dashv$ |           | Н        | $\dashv$ | Н        |   |  |  |
| 1:       |  | $\vdash \vdash$                                  | <del>!}</del>  | ┼  | $\vdash$ | Щ        | _                        | _        | i    |          | 63        |              |          | $\Box$    |                        |                        |             |          |          |          |     |             | 113        |                 |                |   |          |          |           |          |          |          |   |  |  |
|          |  | <del>                                     </del> | 4              | ╁  | $\vdash$ | Н        | $\dashv$                 | ᅱ        | •    | $\vdash$ | 64<br>65  | ┢            | ┝        | $\vdash$  | Н                      | $\dashv$               | $\dashv$    | -        | -        | Н        |     |             | 114<br>115 | Н               | Н              | 4                                       | 4        | Ц        | _         | Н        |          |          |   |  |  |
| 10       | 3  |  |                | 土  |          |          |                          | ╛        |      |          | 66        | -            | $\vdash$ |           |                        |                        | ᅥ           | -        | $\dashv$ |          |     | <del></del> | 116        | -               | Н              | $\dashv$                                | ⊣        | $\dashv$ | -         | Н        | $\vdash$ | Н        |   |  |  |
| 1        |  | $\sqcup$   | $\perp$        |    | $\Box$   |          | $\Box$                   | 4        |      |          | 67        |              |          |           |                        |                        |             |          |          |          |     |             | 117        |                 |                |   |          |          |           |          | _        |          |   |  |  |
| 11       |  | H  | +              | ╁  | -        | Н        | $\dashv$                 | ᅱ        |      | ├─       | 68<br>69  |              | ┝        | <u> </u>  | Н                      |                        | 4           | _        | $\dashv$ | _        |     |             | 118        |                 |                |   |          |          |           |          |          |          |   |  |  |
| 20       |  |  | $\pm$          | 上  |          |          | $\Box$                   | ᅥ        |      |          | 70        | $\vdash$     | 1        | -         | H                      |                        | ᅱ           | ┪        | $\dashv$ | -        |     | <u> </u>    | 119<br>120 | -               | -              | $\dashv$                                | -        | $\dashv$ | _         | Н        |          | -        |   |  |  |
| 2        |  |  | 4              |    | $\Box$   | Ц        | $\Box$                   | $\Box$   |      |          | 71        |              |          |           |                        |                        | $\Box$      |          |          |          |     |             | 121        |                 |                |   |          |          |           | T        |          |          |   |  |  |
| 2        |  | ╁╌┼  | +              | ╁  | Н        |          | -                        | ┨        | ٠.,  | -        | 72<br>73  | ┞            | ⊢        | ⊢         | Н                      |                        | $\dashv$    | $\dashv$ | -        | Н        |     |             | 122<br>123 | H               |                | Ц                                       |          |          |           |          |          | П        |   |  |  |
| 24       |  |  |                | 上  |          |          | 士                        |          |      |          | 74        |              |          |           | Н                      |                        | _           | ᅥ        | ┪        | Н        |     | <b>-</b>    | 123        | Н               | -              | $\vdash$                                | $\dashv$ | $\dashv$ |           | Н        | Н        | Н        |   |  |  |
| 25       | -  | ╀  | ╀              | 4  | H        | $\Box$   |                          | 4        |      |          | 75        |              |          |           |                        |                        | $\Box$      |          |          |          |     |             | 125        |                 |                |   |          |          |           |          |          | П        |   |  |  |
| 2        |  | ++   | ╁              | ╁  | Н        | $\dashv$ | $\dashv$                 | ┨        |      |          | 76<br>77  | H            | H        | -         | Н                      |                        | 4           | $\dashv$ | $\dashv$ | Н        |     |             | 126<br>127 |                 |                | Ц                                       | _        |          |           |          |          |          |   |  |  |
| 28       |  |  | 工              |    |          |          | ユ                        | ╛        |      |          | 78        |              |          |           |                        |                        |             |          | 7        | ٦        |     |             | 128        | Н               |                | $\dashv$                                | ᅱ        | $\dashv$ | -         | Н        | Н        | Н        |   |  |  |
| 30       |  | ╁  | ╀              | ╄  | $\vdash$ | -        | 4                        | 4        |      | $\Box$   | 79        | <u> </u>     | L        | Ш         |                        | $\Box$                 | $\Box$      | $\Box$   | $\Box$   |          |     |             | 129        |                 |                |   |          |          |           |          |          | Π        |   |  |  |
| 3        |  | +  | +              | +- | $\vdash$ | -        | -+                       | ┥        |      |          | 80<br>81  | $\vdash$     | -        | Н         | Н                      | $\dashv$               | ┥           | ᅱ        | -        | -1       |     | -           | 130<br>131 | Н               | 4              | $\dashv$                                | 4        | $\dashv$ | _         | Н        | Щ        | Н        |   |  |  |
| 32       |  | П  | Ţ              | I  | П        |          | $\Box$                   | コ        |      |          | 82        |              |          |           |                        |                        |             |          |          |          |     |             | 132        | Н               | $\dashv$       | $\forall$                               | ┪        | $\Box$   |           | Н        | Н        | Н        |   |  |  |
| 33       |  | H  | ╁              | ╀  | Н        | -        | $\dashv$                 | ᅱ        |      |          | 83<br>84  | L            | L        |           |                        | _                      | 4           | $\neg$   | _        | $\Box$   |     |             | 133        |                 |                |   |          |          |           |          |          |          |   |  |  |
| 35       |  |  | +              | +  | H        | ┪        | +                        | ᅥ        |      | -        | 85        | -            | -        | Н         | Н                      | $\dashv$               | ┥           | ┥        | ┥        | $\dashv$ |     | <u> </u>    | 134<br>135 | Н               | $\dashv$       | $\dashv$                                | 4        | $\dashv$ | _         | Н        | Н        | Н        |   |  |  |
| 36       |  | П  | $\bot$         |    | П        | $\Box$   | 1                        | ╗        |      |          | 86        |              |          |           |                        | $\Box$                 |             |          |          |          |     |             | 136        |                 |                | $\exists$                               |          | $\dashv$ | _         | H        | -        | Н        |   |  |  |
| 37       |  | $\vdash$   | ╁              | ╫  | Н        | $\dashv$ | +                        | ᅱ        |      |          | 87<br>88  | -            |          | Н         | Н                      | 4                      | 4           |          | 4        | $\dashv$ | •   |             | 137        |                 |                |   |          |          |           |          |          |          |   |  |  |
| 39       |  |  | 士              | T  |          | 7        | +                        | ᅥ        |      |          | 89        | -            | Н        | Н         | Н                      | $\dashv$               | -           | ┥        | ┥        | ᅱ        |     |             | 138<br>139 | Н               | -              | _                                       | -        | $\dashv$ | -         | Н        |          |          |   |  |  |
| 40       |  |  | Ţ              | L  | П        | $\Box$   | 1                        | コ        |      |          | 90        |              |          | Ш         |                        | $\Box$                 |             |          |          |          |     |             | 140        | Н               |                | $\dashv$                                | ┪        |          | $\neg$    |          | ٦        | Н        |   |  |  |
| 42       |  | ╁┼   | +              | ╁╴ | $\vdash$ | -        | +                        | ┥        |      |          | 91        | <del> </del> | H        | Н         | Н                      | 4                      | 4           | -        | 4        | _        |     |             | 141        |                 | $\Box$         | $\Box$                                  | $\Box$   | $\Box$   |           |          |          |          |   |  |  |
| 4:       |  |  | 士              |    |          | ╛        | 士                        | 7        |      |          | 93        |              |          | Н         | H                      | ┪                      | +           | $\dashv$ | ┪        | ᅱ        |     |             | 142        | H               | 4              | +                                       | 4        | -        |           | ┝┥       | -        | $\dashv$ |   |  |  |
| 44       |  | H  | Ŧ              | Ţ  |          | $\Box$   | 耳                        |          | Ì    |          | 94        |              |          |           |                        | コ                      |             | コ        | ╛        | d        |     |             | 144        |                 | _              | _                                       | _        | _        | $\exists$ | $\dashv$ | $\dashv$ | Н        | ٠ |  |  |
| 45       |  | ┝┼   | +              | ╁  | H        | -        | +                        | 4        |      | Н        | 95<br>98  | $\vdash$     | Н        | Н         | Н                      | {                      |             | 4        | 4        | 4        | - 1 | П           | 145        | П               | $\Box$         | コ                                       | $\Box$   | コ        |           |          | $\Box$   |          |   |  |  |
| 47       |  | 廿  | 土              | T  | H        | _        | _                        | $\dashv$ | ļ    |          | 97        | $\vdash$     | Н        | Н         | $\vdash$               | $\dashv$               | $\dashv$    | ┥        | ┥        | $\dashv$ |     |             | 145        | $\vdash \vdash$ |                | +                                       | 4        | -        | 4         | $\dashv$ | {        | $\dashv$ |   |  |  |
| 48       |  | H  | Ŧ              | F  | П        | コ        | $\Box$                   | 7        | ļ    |          | 98        |              |          |           |                        | コ                      | 1           | ゴ        |          | ╛        |     |             | 148        | H               | J              | 7                                       | _        | 1        | $\exists$ | _        | $\dashv$ | $\dashv$ |   |  |  |
| 50       |  | - -  | +              | ╁  | Н        | -        | +                        | $\dashv$ |      | $\vdash$ | 99<br>100 | Н            | Н        | Н         |                        | 4                      | -+          | 4        | 4        | $\dashv$ |     |             | 149        |                 | $\Box$         | $\Box$                                  | $\Box$   | $\Box$   |           | $\Box$   | 口        |          |   |  |  |
| <u> </u> | لسد  |  |                | _  |          |          |                          |          | 1    |          |           | لب           | لــا     | لب        |                        | _                      |             | _        |          |          | ı   | Ш           | 150        | لــا            | 1              |   |          |          | L         | Ц        | l        | لــا     |   |  |  |